

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
A-67724-8/RFT/JDDSERIAL NO.
09/132,156APPLICANT:
WITTWER et al.FILING DATE
August 11, 1998GROUP
~~1248~~ 1631

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AM	A	4,675,300	6/1987	Zare et al.	436	172	
	B	5,116,471	5/1992	Chien et al.	204	180.1	
	C	5,131,998	7/1992	Jorgenson, et al.	204	299R	
	D	5,137,695	8/1992	Rusnak et al.	422	116	
	E	5,141,621	8/1992	Zare et al.	204	299R	
	F	5,169,511	12/1992	Allington et al.	204	299R	
	G	5,173,163	12/1992	Tehrani	204	299R	
	H	5,240,577	8/1993	Jorgenson et al.	204	180.1	
	I	4,966,180	10/1990	Mullins et al. Jan	135	20F	
	J	4,286,456	9/1981	Sisti et al.	73	23.15	
	K	4,420,679	12/1983	Howe	219	400	
	L	1,006,767	10/1911	Mauger	392	410	
	M	1,456,005	5/1923	Harris	119	318	
	N	4,468,423	8/1984	Hall	428	72	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
AM	O	38 08942	9/1989	Germany				
	P	0 488 769	11/1991	EP				
	Q	0 459 241	5/1991	EP				
	R	0 475 760	9/1991	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
AM	5-22-00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>AM</i>	S	4,481,405	11/1984	Mark Mullis <i>OTPE</i>	<i>5219</i>	<i>405</i>	
	T	4,889,818	12/1989	Gelfand et al.	<i>MAR 07 2000</i>	<i>194</i>	
	U	4,683,195	7/1987	Mullis et al.	<i>435</i>	<i>6</i>	
	V	4,865,986	9/1989	Coy et al.	<i>435</i>	<i>290</i>	
	W	4,038,055	7/1977	Varano et al.	<i>55</i>	<i>197</i>	
	X	4,701,415	10/1987	Dutton et al.	<i>435</i>	<i>289</i>	
	Y	2,379,474	7/1945	Bramson	<i>237</i>	<i>3</i>	
	Z	4,902,624	2/1990	Columbus et al.	<i>435</i>	<i>316</i>	
	AA	3,616,264	10/1971	Ray et al.	<i>195</i>	<i>127</i>	
	BB	4,683,202	7/1987	Mullis	<i>435</i>	<i>91</i>	
	CC	4,981,801	1/1991	Suzuki et al.	<i>435</i>	<i>290</i>	
	DD	4,965,188	10/1990	Mullis et al.	<i>435</i>	<i>6</i>	
	EE	5,333,675	8/1994	Mullis et al.	<i>165</i>	<i>12</i>	
<i>V</i>	FF	5,038,852	8/1991	Johnson et al.	<i>165</i>	<i>12</i>	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>AM</i>	1	Linz, "Thermocycler Temperature Variation Invalidates PCR Results," Biotechniques, 9(3):286-290 (1990).					
	2	Fisher Scientific Catalog 1988, pg. 51.					
<i>V</i>	3	"Minimizing the Time Required for DNA Amplification by Efficient Heat Transfer to Small Samples," Analytical Biochemistry, 186:328-331 (1990).					

EXAMINER

Adam Marshall

DATE CONSIDERED

5-22 00

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